



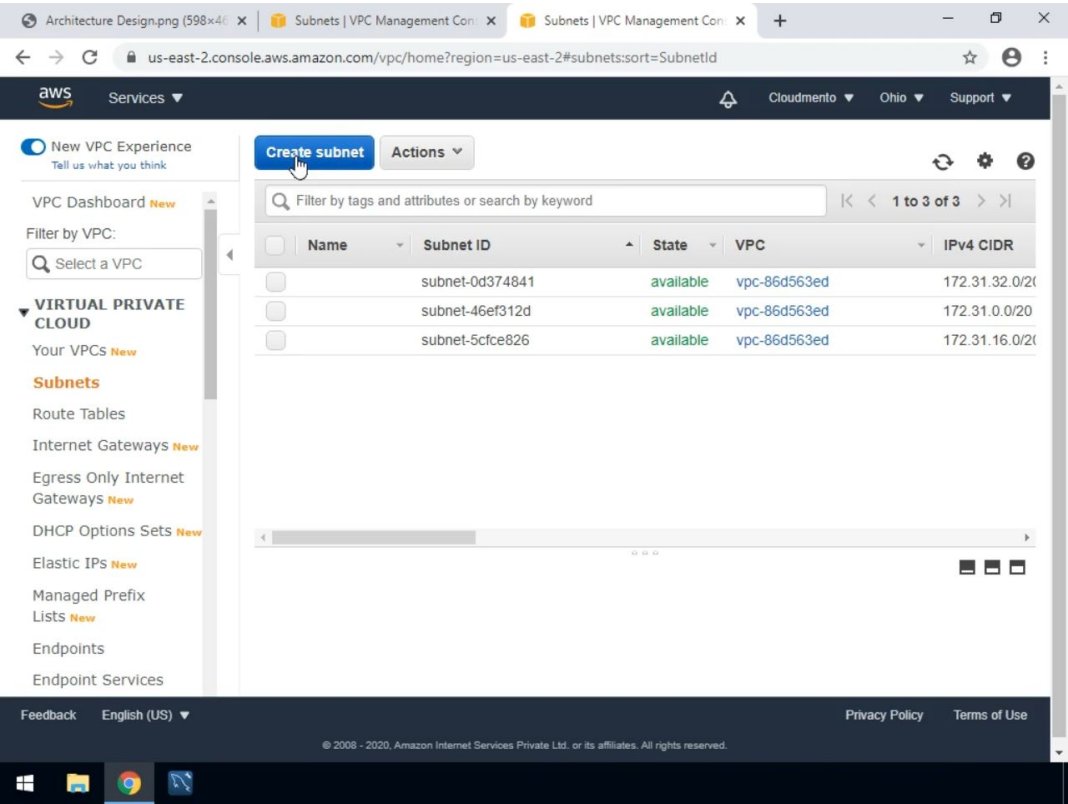
Coursera - Create your first Amazon Aurora Database in AWS

Generated on December 14, 2023

Summary

Notes Screenshots Bookmarks

0 28 0



0:32

Architecture Design.png (598x460)Subnets | VPC Management ConsoleCreate subnet | VPC Management Console

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

awsServices

CloudmentioOhioSupport

Subnets > Create subnet

Create subnet

Specify your subnet's IP address block in CIDR format; for example, 10.0.0.0/24. IPv4 block sizes must be between a /16 netmask and /28 netmask, and can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tagPublic Subnet

VPC*

Availability Zone

Filter by attributes

VPC CIDRs

vpc-86d563ed

vpc-0f0a99ca2b7608788my_vpc

Status Reason

IPv4 CIDR block*

* RequiredCancelCreate

FeedbackEnglish (US)

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0:52

Architecture Design.png (598x460)Subnets | VPC Management ConsoleCreate subnet | VPC Management Console

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

awsServices

CloudmentioOhioSupport

Subnets > Create subnet

Create subnet

Specify your subnet's IP address block in CIDR format; for example, 10.0.0.0/24. IPv4 block sizes must be between a /16 netmask and /28 netmask, and can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tagPublic Subnet

VPC*vpc-0f0a99ca2b7608788

Availability Zoneus-east-2a

VPC CIDRs

CIDR	Status	Status Reason
10.1.0.0/16	associated	

IPv4 CIDR block*10.1.1.0/24

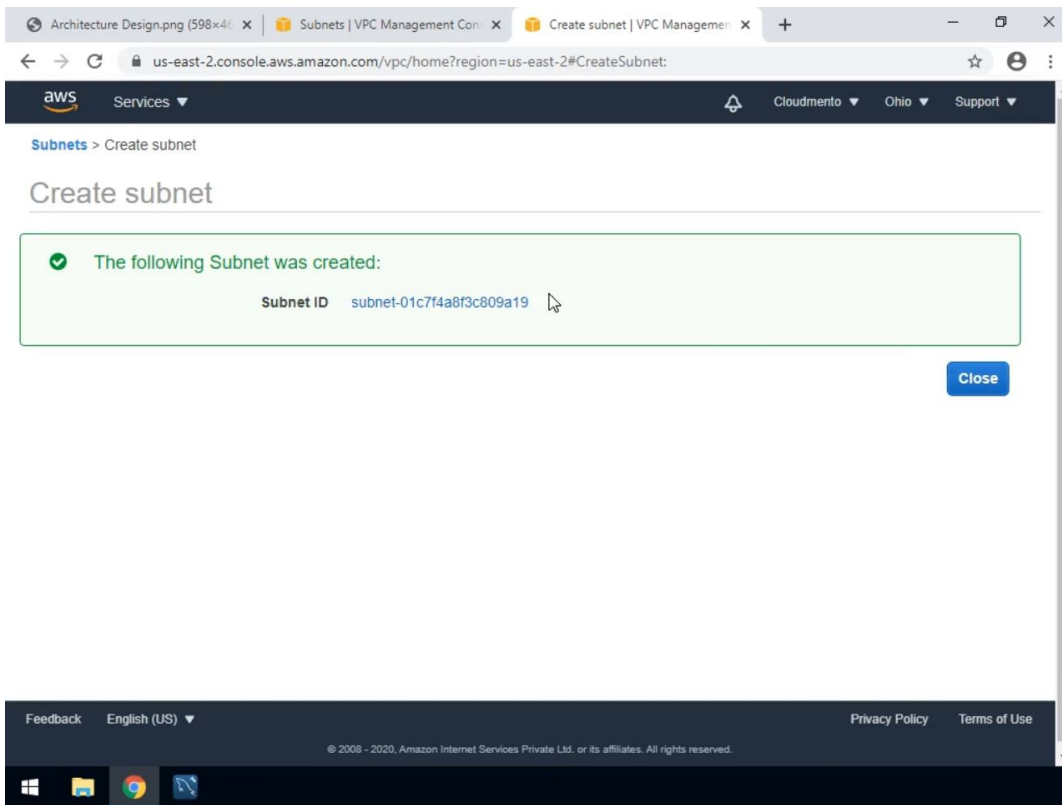
* RequiredCancelCreate

FeedbackEnglish (US)

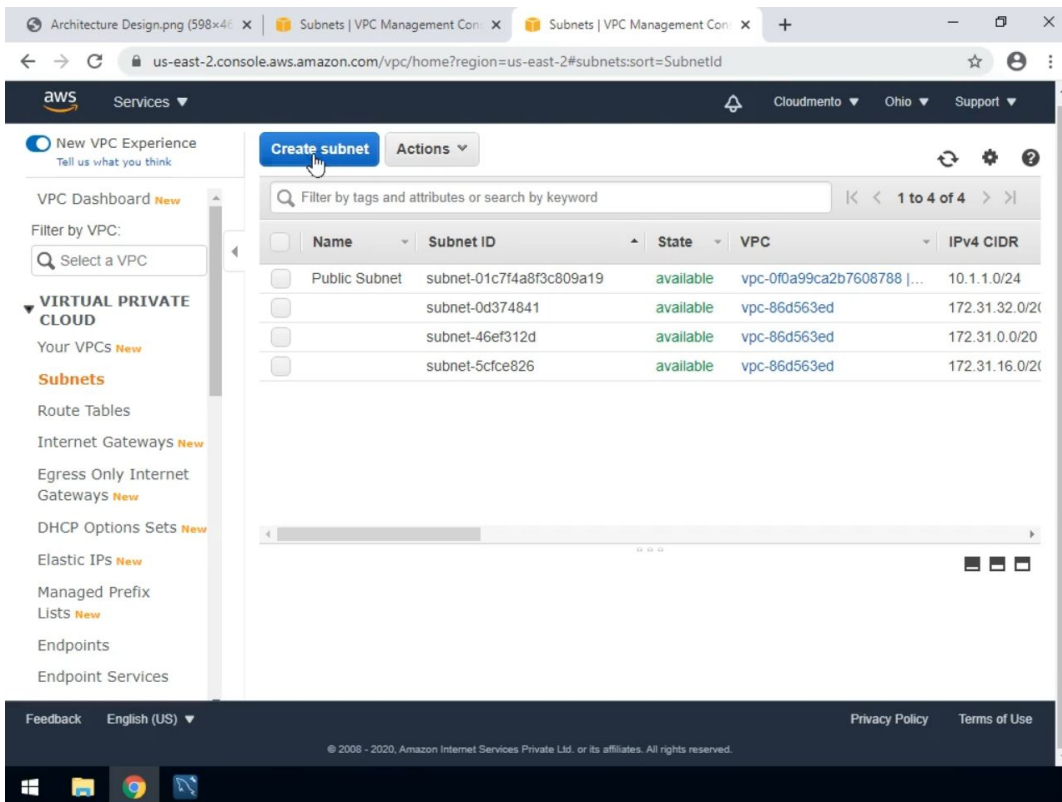
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1:09



1:14



1:24

Architecture Design.png (598x46) x Subnets | VPC Management Con x Create subnet | VPC Management x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

aws Services

Subnets > Create subnet

Create subnet

Specify your subnet's IP address block in CIDR format; for example, 10.0.0.0/24. IPv4 block sizes must be between a /16 netmask and /28 netmask, and can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tag Private Subnet1 ⓘ

VPC* ⓘ

Availability Zone ⓘ

VPC CIDRs

my_vpc

IPv4 CIDR block* ⓘ

* Required

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Architecture Design.png (598x46) x Subnets | VPC Management Con x Create subnet | VPC Management x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

aws Services

Subnets > Create subnet

Create subnet

Specify your subnet's IP address block in CIDR format; for example, 10.0.0.0/24. IPv4 block sizes must be between a /16 netmask and /28 netmask, and can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tag Private Subnet1 ⓘ

VPC* vpc-0f0a99ca2b7608788 ⓘ

Availability Zone No preference ⓘ

VPC CIDRs

IPv4 CIDR block* ⓘ

* Required

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us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

aws Services

Subnets > Create subnet

Create subnet

Specify your subnet's IP address block in CIDR format; for example, 10.0.0.0/24. IPv4 block sizes must be between a /16 netmask and /28 netmask, and can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tag Private Subnet1 ⓘ

VPC* vpc-0f0a99ca2b7608788 ⓘ

Availability Zone us-east-2b ⓘ

VPC CIDRs	CIDR	Status	Status Reason
	10.1.0.0/16	associated	

IPv4 CIDR block* 10.1.2.0/24 ⓘ

* Required

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▶ 1:51

Architecture Design.png (598x46) x Subnets | VPC Management Con x Create subnet | VPC Management x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

aws Services

Subnets > Create subnet

Create subnet

✓ The following Subnet was created:

Subnet ID subnet-0ee6b7b169daaa4b6

Close

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▶ 1:56

Architecture Design.png (598x46) x Subnets | VPC Management Con x Subnets | VPC Management Con x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:sort=SubnetId

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New VPC Experience
Tell us what you think

VPC Dashboard New

Filter by VPC:
Select a VPC

VIRTUAL PRIVATE CLOUD

Your VPCs New

Subnets

Route Tables

Internet Gateways New

Egress Only Internet Gateways New

DHCP Options Sets New

Elastic IPs New

Managed Prefix Lists New

Endpoints

Endpoint Services

Create subnet Actions

Filter by tags and attributes or search by keyword

1 to 5 of 5

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	Public Subnet	subnet-01c7f4a8f3c809a19	available	vpc-0f0a99ca2b7608788 ...	10.1.1.0/24
<input type="checkbox"/>		subnet-0d374841	available	vpc-86d563ed	172.31.32.0/24
<input type="checkbox"/>	Private Sub...	subnet-0ee6b7b169daaa4b6	available	vpc-0f0a99ca2b7608788 ...	10.1.2.0/24
<input type="checkbox"/>		subnet-46ef312d	available	vpc-86d563ed	172.31.0.0/20
<input type="checkbox"/>		subnet-5cfce826	available	vpc-86d563ed	172.31.16.0/20

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2:07

Architecture Design.png (598x46) x Subnets | VPC Management Con x Create subnet | VPC Management x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

aws Services

Subnets > Create subnet

Create subnet

Specify your subnet's IP address block in CIDR format; for example, 10.0.0.0/24. IPv4 block sizes must be between a /16 netmask and /28 netmask, and can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tag Private Subnet2

VPC* vpc-86d563ed

Availability Zone vpc-0f0a99ca2b7608788

VPC CIDRs vpc-0f0a99ca2b7608788 my_vpc

IPv4 CIDR block*

* Required

Cancel Create

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2:19

Architecture Design.png (598x46) x Subnets | VPC Management Con x Create subnet | VPC Management x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateSubnet:

aws Services

Subnets > Create subnet

Create subnet

Specify your subnet's IP address block in CIDR format; for example, 10.0.0.0/24. IPv4 block sizes must be between a /16 netmask and /28 netmask, and can be the same size as your VPC. An IPv6 CIDR block must be a /64 CIDR block.

Name tag Private Subnet2 ⓘ

VPC* vpc-0f0a99ca2b7608788 ⓘ

Availability Zone us-east-2c ⓘ

VPC CIDRs	CIDR	Status	Status Reason
	10.1.0.0/16	associated	

IPv4 CIDR block* 10.1.3.0/24 ⓘ

* Required

Cancel Create

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2:34

Architecture Design.png (598x46) x Subnets | VPC Management Con x Subnets | VPC Management Con x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#subnets:sort=SubnetId

aws Services

Subnets > Create subnet

Create subnet

✓ The following Subnet was created:

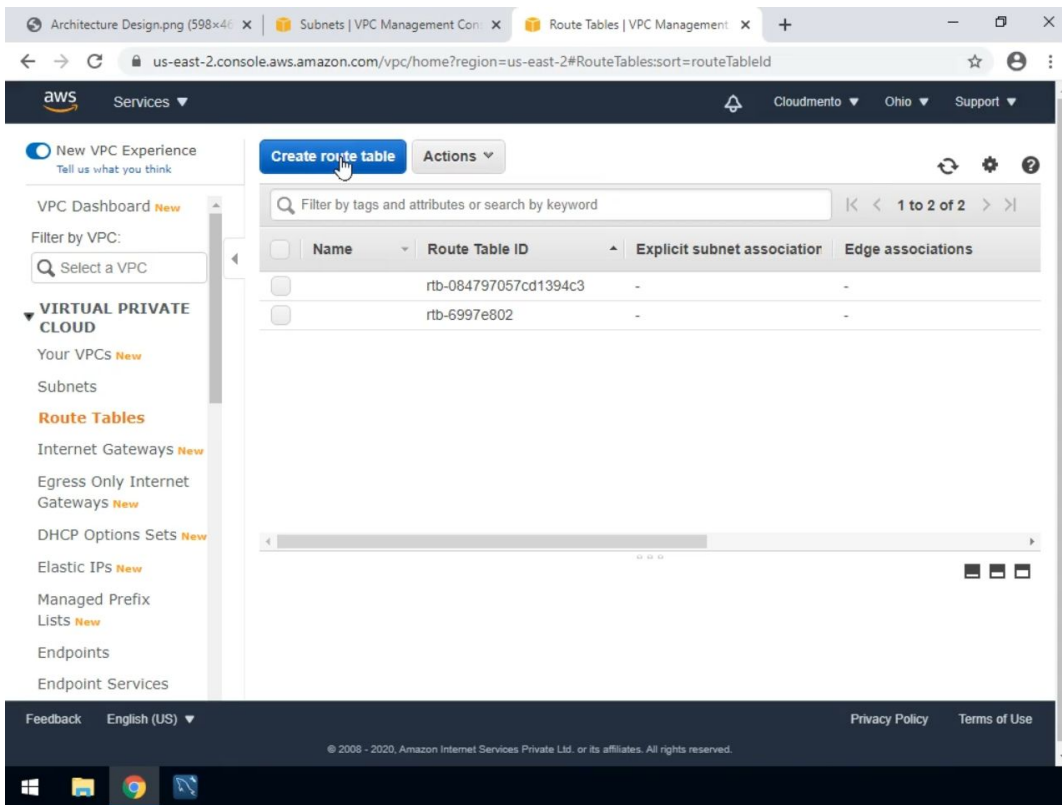
Subnet ID subnet-0985305825abaae16

Close

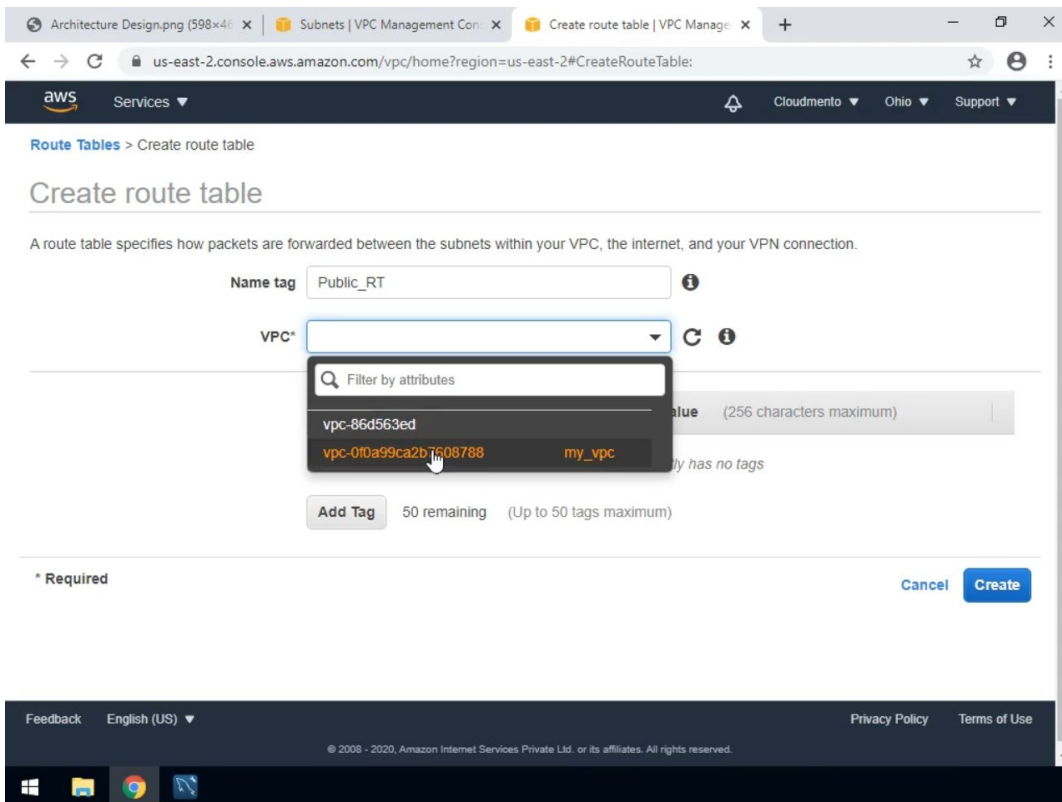
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Waiting for us-east-2.prod.pr.analytics.console.aws.a2z.com...

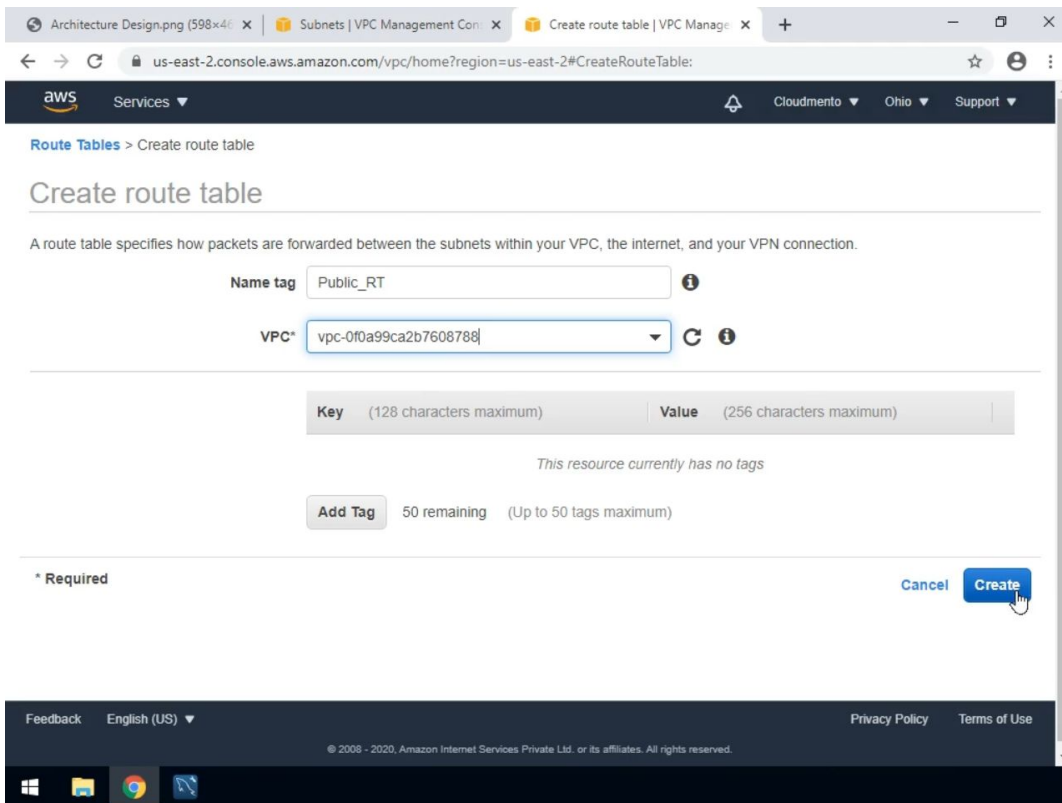
2:37



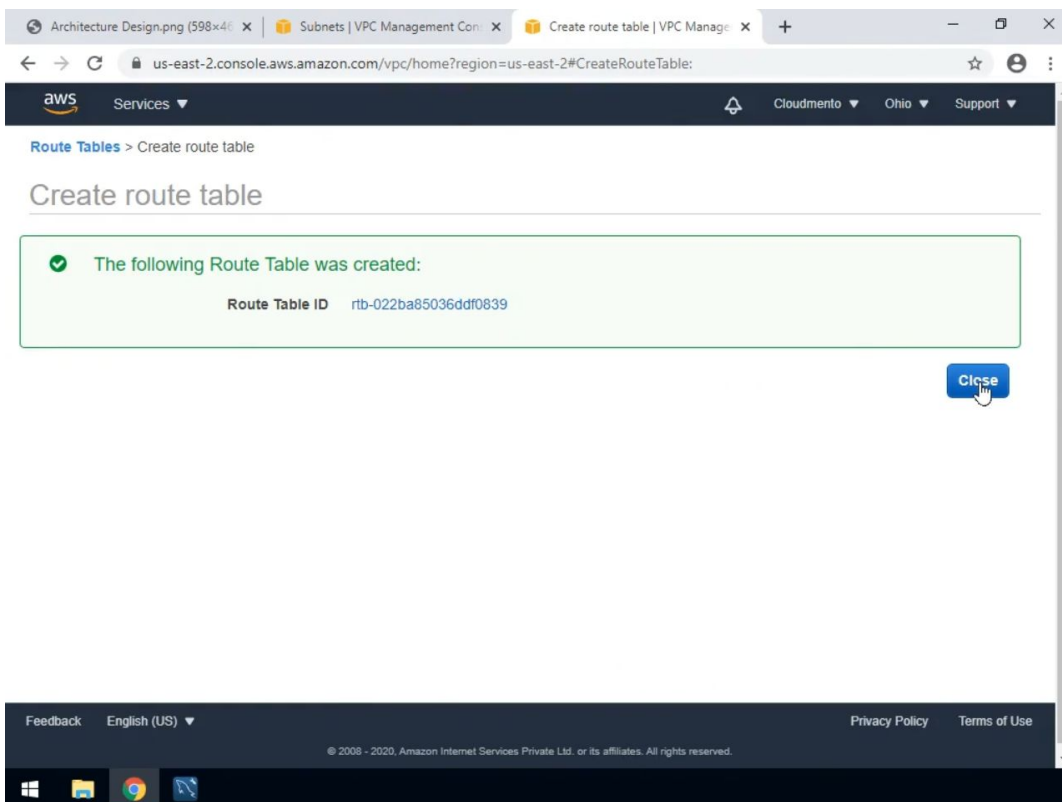
▶ 3:12



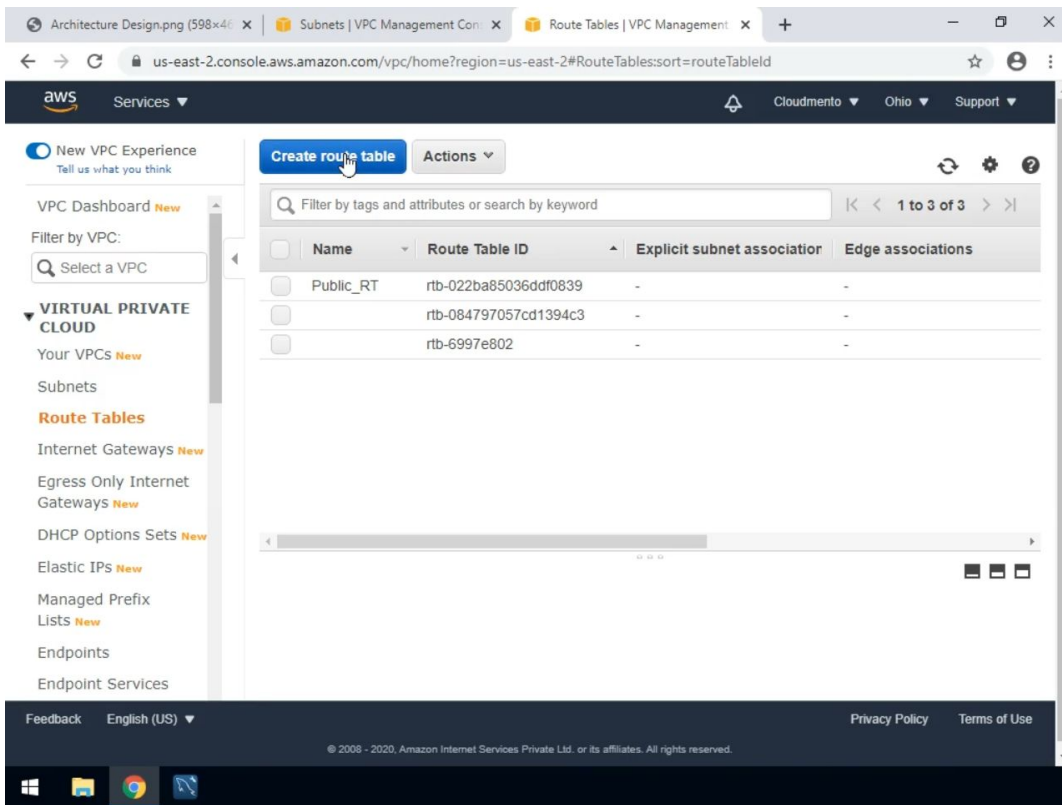
▶ 3:26



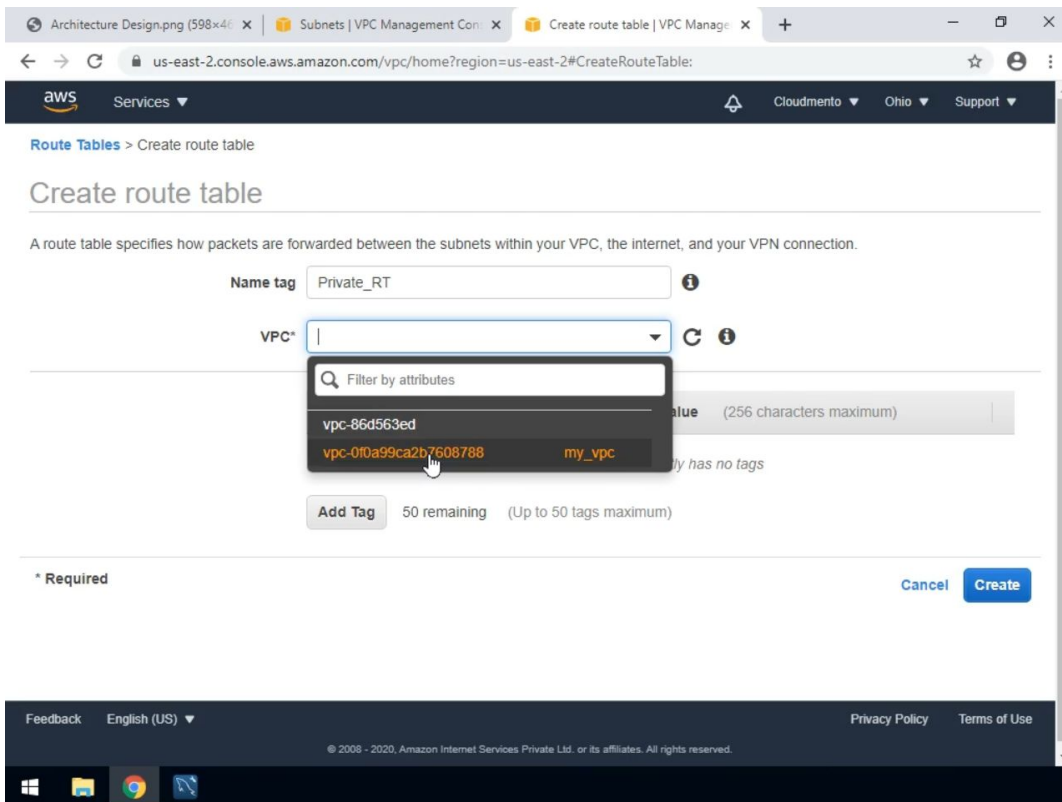
▶ 3:29



▶ 3:31



▶ 3:40



▶ 3:51

Architecture Design.png (598x46) Subnets | VPC Management Console Create route table | VPC Management Console

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateRouteTable:

aws Services Cloudformation Ohio Support

Route Tables > Create route table

Create route table

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Name tag Private_RT

VPC* vpc-0f0a99ca2b7608788

Key (128 characters maximum) Value (256 characters maximum)

This resource currently has no tags

Add Tag 50 remaining (Up to 50 tags maximum)

* Required Cancel Create

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3:55

Architecture Design.png (598x46) Subnets | VPC Management Console Create route table | VPC Management Console

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#CreateRouteTable:

aws Services Cloudformation Ohio Support

Route Tables > Create route table

Create route table

✓ The following Route Table was created:

Route Table ID rtb-02820bfb0b0726d3d

Close

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3:58

Architecture Design.png (598x46) x Subnets | VPC Management Con x Route Tables | VPC Management x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTables:sort=routeTableId

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Tell us what you think

VPC Dashboard **New**

Filter by VPC:
Select a VPC

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Your VPCs **New**

Subnets

Route Tables

Internet Gateways **New**

Egress Only Internet Gateways **New**

DHCP Options Sets **New**

Elastic IPs **New**

Managed Prefix Lists **New**

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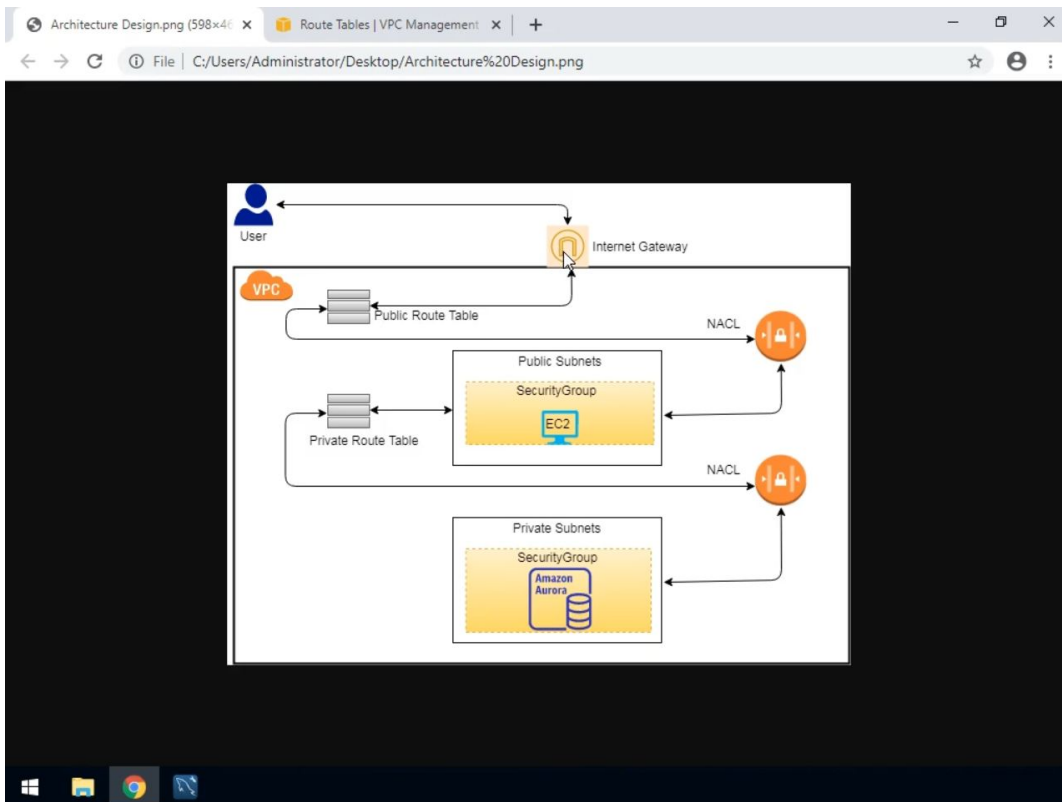
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Create route table Actions

Filter by tags and attributes or search by keyword

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-022ba85036ddf0839	-	-
Private_RT	rtb-02820bfb0b0726d3d	-	-
	rtb-084797057cd1394c3	-	-
	rtb-6997e802	-	-

4:02



4:22

Architecture Design.png (598x46) x Route Tables | VPC Management x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTables:sort=routeTableId

aws Services

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Tell us what you think

VPC Dashboard **New**

Filter by VPC:
Select a VPC

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Internet Gateways **New**

Egress Only Internet Gateways **New**

DHCP Options Sets **New**

Elastic IPs **New**

Managed Prefix Lists **New**

Endpoints

Endpoint Services

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Create route table Actions

Filter by tags and attributes or search by keyword

1 to 4 of 4

Name	Route Table ID	Explicit subnet association	Edge associations
Public_RT	rtb-022ba85036ddf0839	-	-
Private_RT	rtb-02820bfb0b0726d3d	-	-
	rtb-084797057cd1394c3	-	-
	rtb-6997e802	-	-

Route Table: rtb-022ba85036ddf0839

Summary Routes Subnet Associations Edge Associations Route Propagation

Edit routes

View All routes

Destination	Target	Status
-------------	--------	--------

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4:46

Architecture Design.png (598x46) x Edit routes | VPC Management C x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#EditRoutes:routeTableId=rtb-022ba85036ddf0839

aws Services

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Route Tables > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No

Add route

* Required

Cancel Save routes

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5:06

Architecture Design.png (598x46) Edit routes | VPC Management C +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#EditRoutes:routeTableId=rtb-022ba85036ddf0839

aws Services Cloudmento Ohio Support

Route Tables > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No
0.0.0.0/0			No

Add route

* Required

- Egress Only Internet Gateway
- Instance
- Internet Gateway
- NAT Gateway
- Network Interface
- Outpost Local Gateway
- Peering Connection
- Transit Gateway

Cancel Save routes

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5:18

Architecture Design.png (598x46) Edit routes | VPC Management C +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#EditRoutes:routeTableId=rtb-022ba85036ddf0839

aws Services Cloudmento Ohio Support

Route Tables > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No
0.0.0.0/0	igw-04c83df27847c185f		No

Add route

* Required

igw-04c83df27847c185f my_igw

Cancel Save routes

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5:25

Architecture Design.png (598x46) x Edit routes | VPC Management C x +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#EditRoutes:routeTableId=rtb-022ba85036ddf0839

aws Services Cloudmemento Ohio Support

Route Tables > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.1.0.0/16	local	active	No
0.0.0.0/0	igw-04c83df27847c185f		No

Add route

igw-04c83df27847c185f my_igw

* Required Cancel Save routes

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